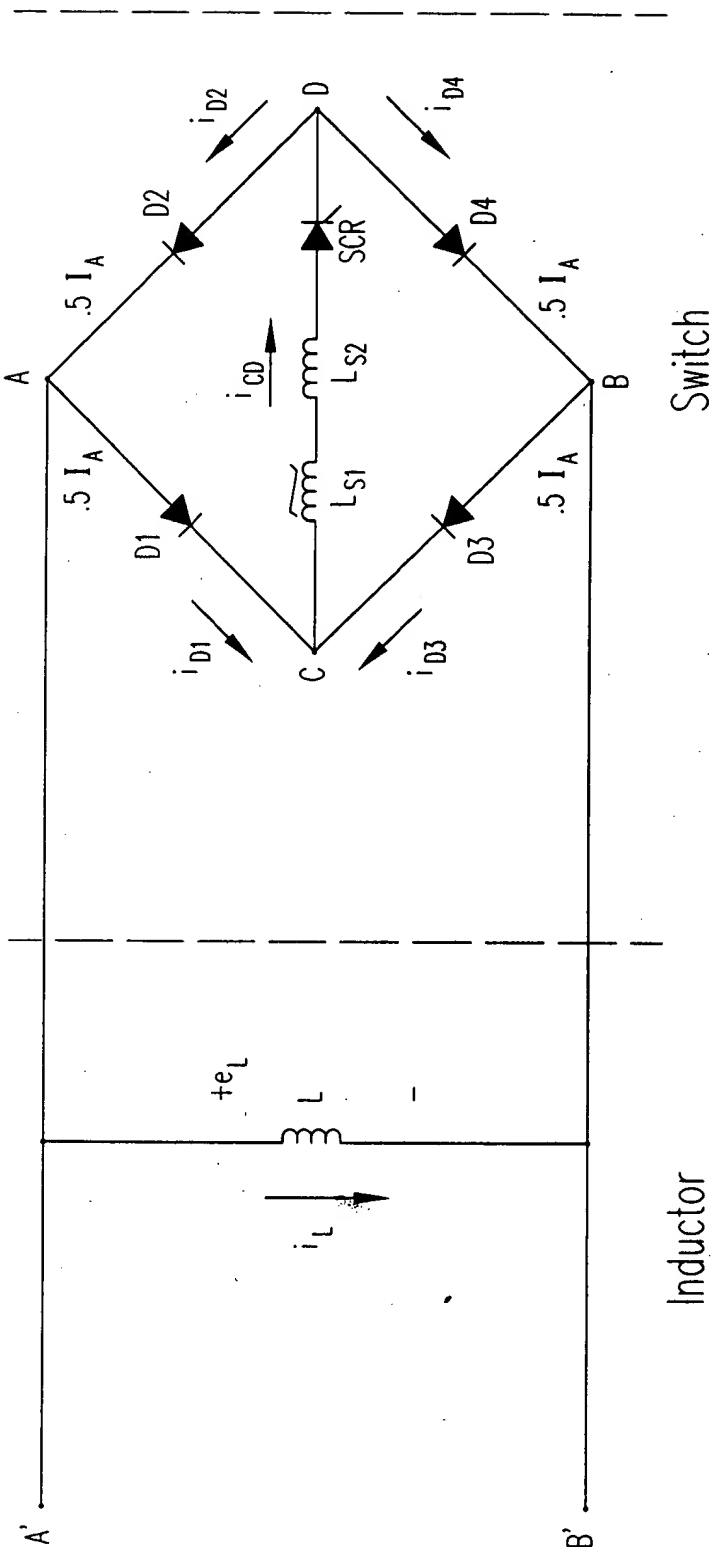
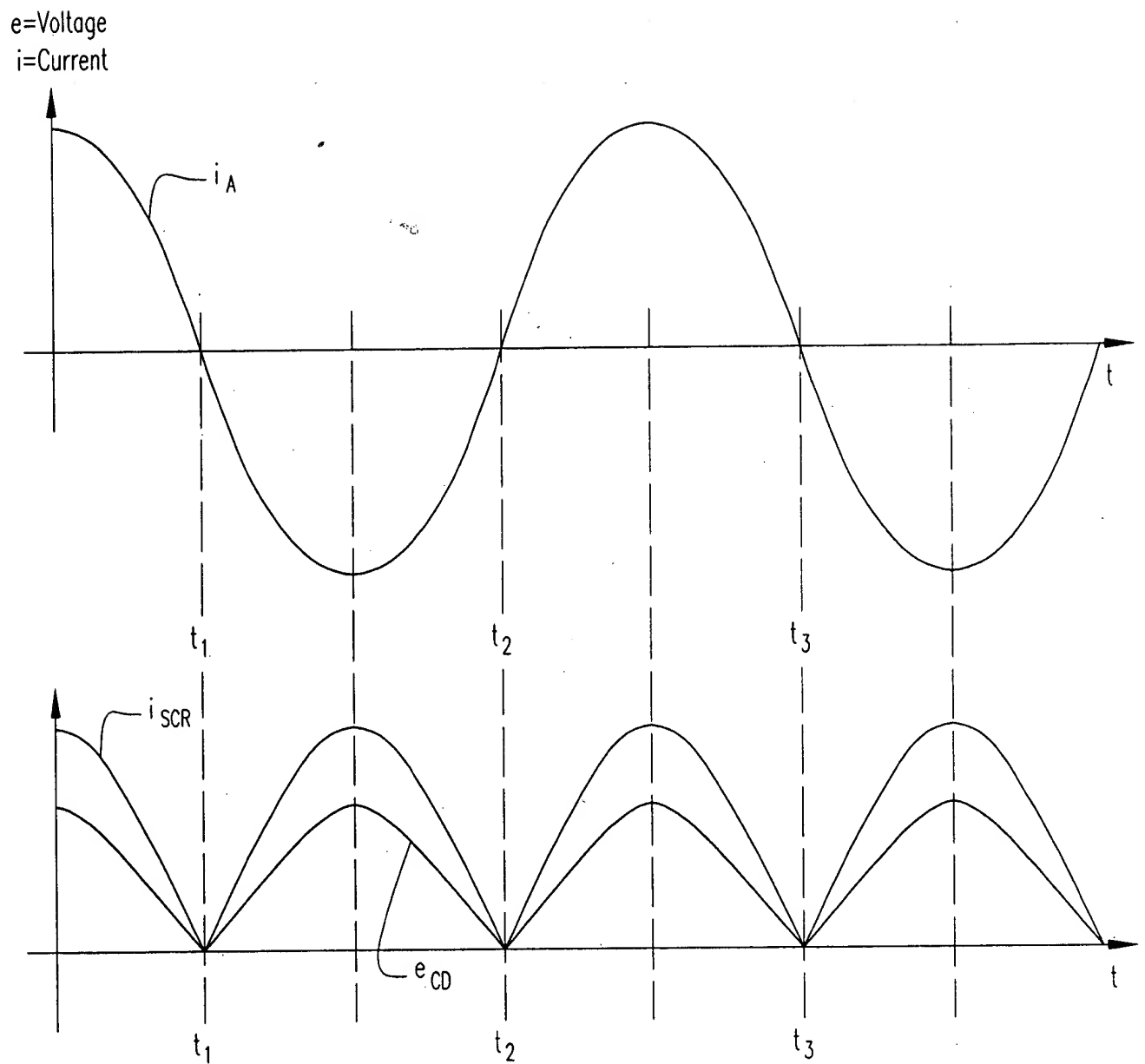


$$i_A = I_A \cos \omega_A t$$



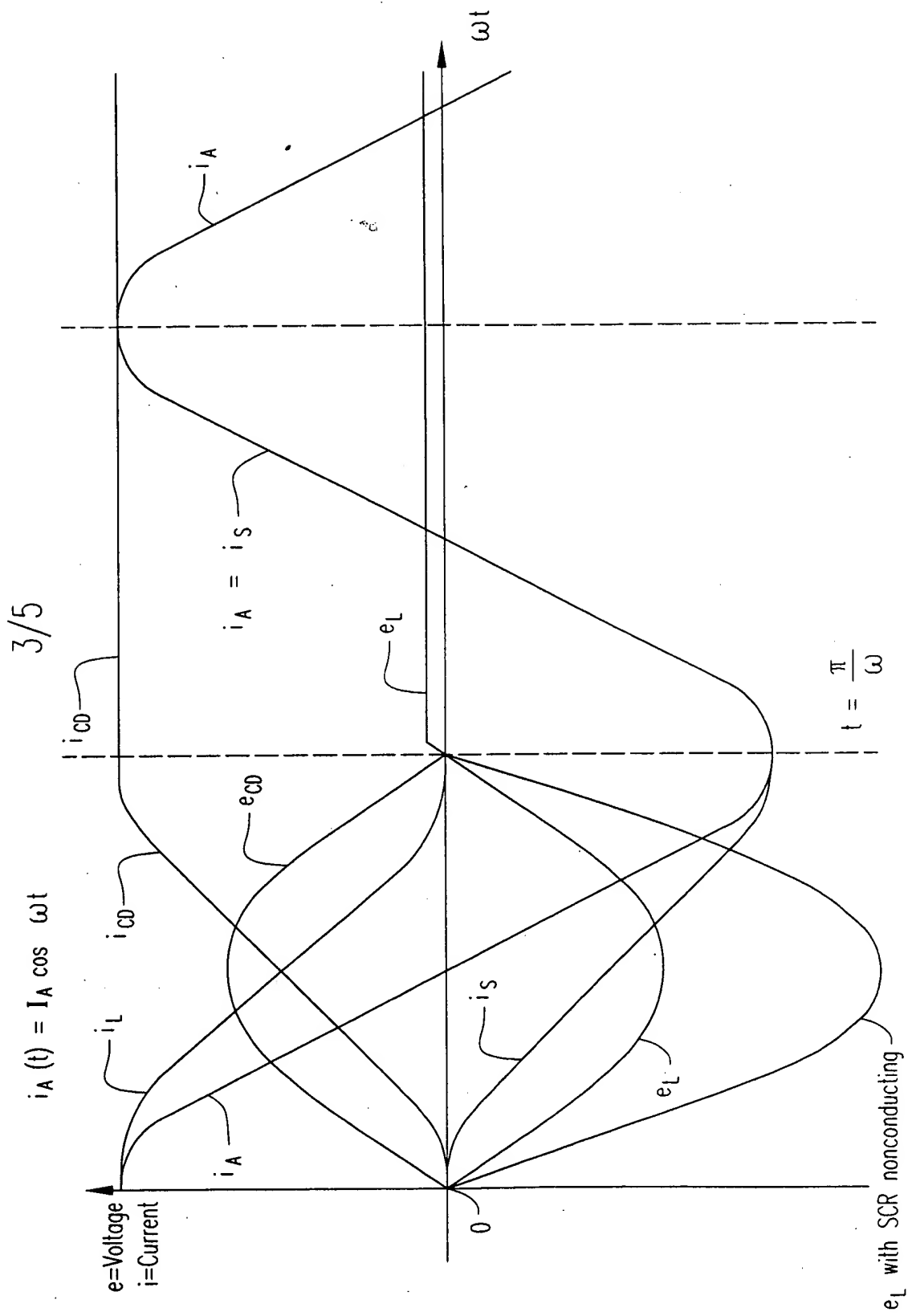
Switch Across Inductor L

FIG. 1



Switch Waveforms With Series Resistor

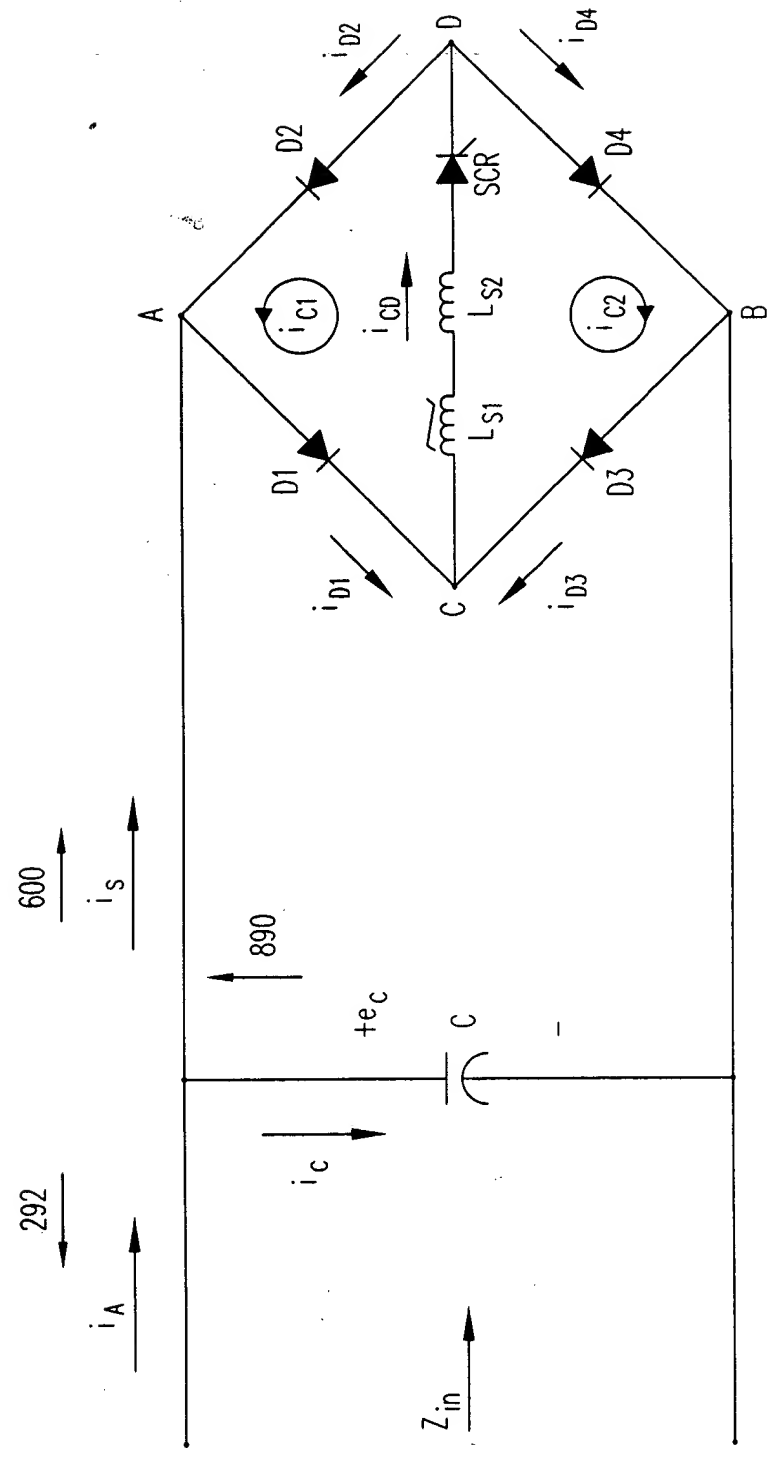
FIG. 2



Voltage and Current Waveform for Inductor Switching

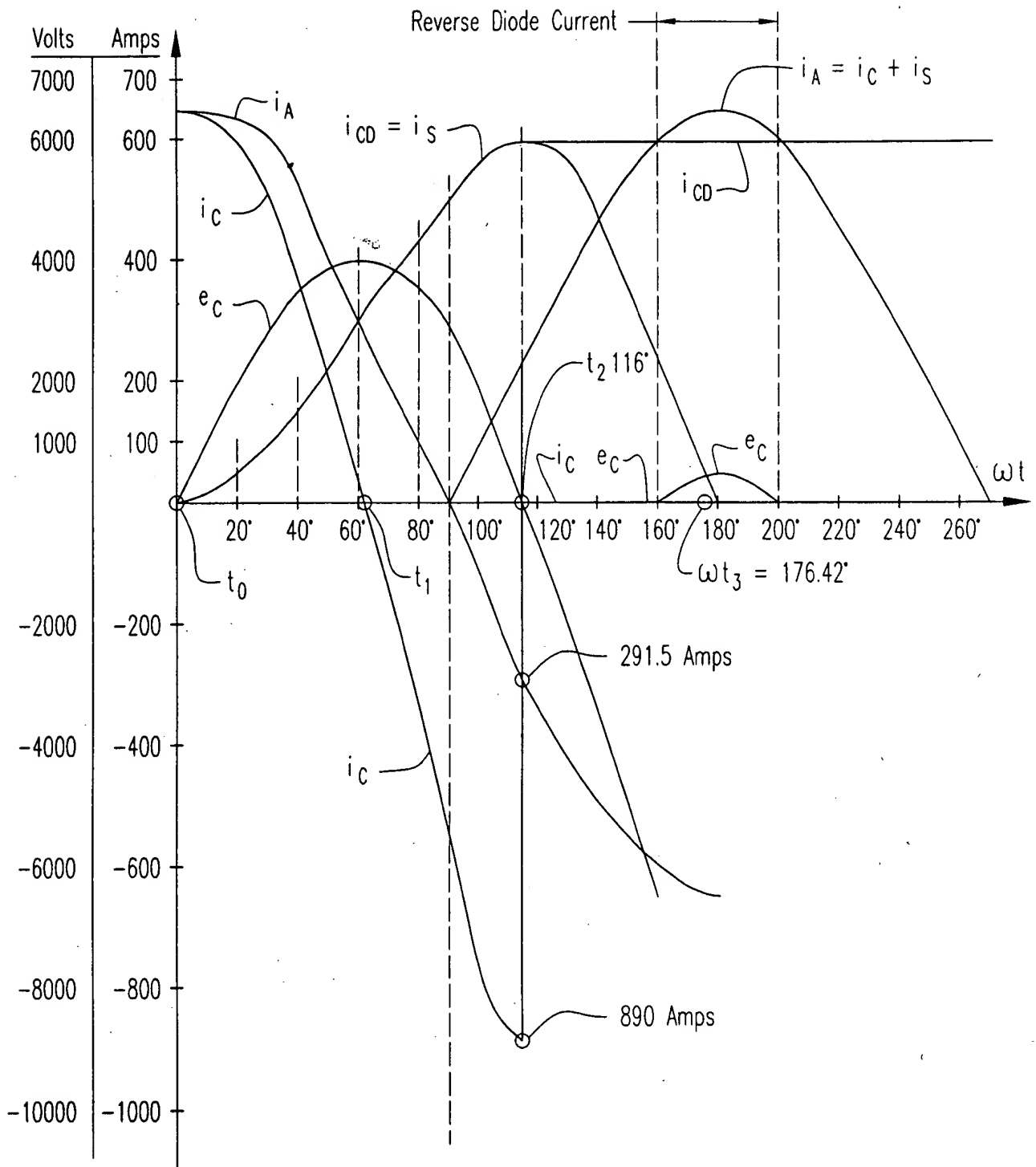
FIG. 3

$\omega t = 90^\circ$ ,  $i_A = 0$ ,  $i_{CD}$  positive,  $i_C$  negative,  $i_A = i_C + i_S$



Switch Across Series Capacitor

FIG. 4



Voltage and Current Waveform for Capacitor Switching